

FORM PTO-1449 (Rev. 7-80)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. TESSERA 3.3468 1996 Applicant KHANHROS ET AL	Serial No. 08/030,194
LIST OF PRIOR ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		Filing Date: APRIL 28, 1993	Group 2503

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SIL	AA	4,658,332	4/87	BAKER ET AL	—	—	—
SIL	AB	4,847,146	7/89	YEH ET AL	—	—	—
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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	AN							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SIL	✓ AR	"Design For Minimum Chip Joint Stress", IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 32, No. 7, December 1989
WU	✓ AS	"Improved C4 Reliability Using Low Modulus Dielectric Layer", IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 32, No. 6A, November 1989
	AT	

EXAMINER

S. Clell

DATE CONSIDERED

1-13-97

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. TESSERA 3.3-018	SERIAL NO. 08/030,194
APPLICANT KHANDROS ET AL.			
FILING DATE April 28, 1993		GROUP 2104	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SV	4 6 5 5 5 2 4	4/6067	ETZEL			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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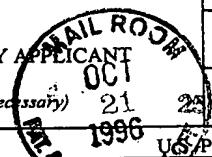
EXAMINER	DATE CONSIDERED
S. Clark	1-13-97

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FORM PTO-1440
(Rev. 7-80)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
TESSERA 3.3-018Serial No.
08/030,194

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)



Filing Date: April 28, 1993

Group 2503

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SVU	AA T955,008	2/77	Gregor et al	—	—	
SVU	AB 4,349,862	9/82	Bajorek et al	—	—	
SVU	AC 4,700,473	10/87	Freyman et al	—	—	
	AD 4,860,088	8/89	Smith et al	—	—	
	AE 4,866,841	9/89	Hubbard	—	—	
	AF 4,975,765	12/90	Ackermann et al	—	—	
	AG 4,993,954	2/91	Prevost	—	—	
	AH 5,006,673	4/91	Freyman et al	—	—	
SVU	AI 4,855,872	8/89	Wojnar et al	—	—	
SVU	AJ 3,823,467	7/74	Shamash et al	—	—	
SVU	AK 3,611,061	10/71	Segerson	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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SVU	AL 2,586,885	8/86	France	—	—	—	—
SVU	AM 1-293528	11/89	Japan	—	—	—	—
SVU	AN 60-217641	10/85	Japan	—	—	—	—
	AO						
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SVU	AR	Nitto Product Information, "New Tab Mounting Method"
	AS	
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EXAMINER

S. Clark

DATE CONSIDERED:

1-13-97

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FORM PTO-1449 (Rev. 7-80)		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. TESSERA 3.3-018		Serial No. 08/030,194	
LIST OF PRIOR ART CITED BY APPLICANT		OCT 21 1996			Applicant KHANDROS ET AL			
(Use several sheets if necessary)					Filing Date: April 28, 1993		Group 2503	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>SLC</i>	AA	3,689,991	9/72	Aird	—	—		
<i>SLC</i>	AB	3,724,068	4/73	Galli	—	—		
<i>SLC</i>	AC	4,649,415	3/87	Herbert	—	—		
	AD	4,887,148	12/89	Mu	—	—		
	AE	4,842,662	6/89	Jacobi	—	—		
	AF	5,019,673	5/91	Juskey et al	—	—		
	AG	5,045,921	9/91	Lin et al	—	—		
	AH	5,045,922	9/91	Kodama et al	—	—		
	AI	5,136,366	8/92	Worp et al	—	—		
<i>SLC</i>	AJ	5,222,014	6/93	Lin	—	—		
<i>SLC</i>	AK	4,437,141	9/81	Prokop	—	—		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	AL						YES	NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER		DATE CONSIDERED						
<i>S. Clark</i>		1-13-97						
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FORM PTO-1449
(Rev. 7-80)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
TESSERA 3.3-018Serial No.
08/030,194

LIST OF PRIOR ART CITED BY APPLICANT OCT 1996

(Use several sheets if necessary)

Applicant
KHANDROS ET AL

Filing Date: APRIL 28, 1993

Group 2503

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SVL	AA 4,937,707	6/90	McBride et al	—	—	—
SVL	AB 5,027,191	6/91	Bourdelaise et al	—	—	—
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FOREIGN PATENT DOCUMENTS

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S. Clark

DATE CONSIDERED

1-13-87

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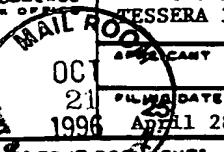
Form PTO-1449
REV. 1-88

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
MESSERA 3.3-018

SERIAL NO.
08/030,194

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)



APPLICANT Khandros et al

FILING DATE APRIL 28, 1993

GROUP 2104

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	4 6 9 5 8 7 0	9/87	Patraw			
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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1-13-97

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Sheet 1 of 2

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REG. TRADEMAKES		ATTY/SECRET NO. TELETYPE 3.3-018	SERIAL NO. PCT/US91/06920
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Khandros, et al.	
		FILING DATE September 24, 1991	GROUP 2503

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SVL	AA	4 7 7 2 9 3 6	09/20/88	Reding et al.			
SVL	AB	4 1 8 9 8 2 5	02/26/80	Robillard et al.			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SVL	AL	4 1 3 4 5 1	7/25/90	Europat			
	AM	0 8 0 0 4 1	9/22/82	Europat			
	AN	0 7 2 6 7 3	8/12/82	Europat (A2)			
	AO	0 7 1 6 7 3	8/12/82	Europat (A3)			
SVL	AP	2 4 5 8 3 9	12/7/81	France			

OTHER PRIOR ART (including Author, Title, Date, Permanent Pages, Etc.)

SVL	AR	IBM Technical Disclosure Bulletin entitled "Non-Permanent Mounting Technique For Test and Burn-In of C4 Devices", November 1990, Vol. 33, No. 7.
SVL	AS	IBM Technical Disclosure Bulletin, entitled "Extended Pad For Testing Package Parts", December 1984, Vol. 27, No. 7B
SVL	AT	IBM Technical Disclosure Bulletin entitled "Test And Repair of Direct Chip Attach Modules", August 1986, Vol. 21, No. 3

EXAMINER S. Clark DATE CONSIDERED 1-13-97

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Sheet 2 of 2

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
		TESSERA 3.3-018	PCT/US91/06920
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT	Khandros, et al.
		FILING DATE	GROUP
		September 24, 1991	2803

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SV	AU 8910005	10/19/89	PCT			
SV	AV 9112706	08/22/91	PCT			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER			DATE CONSIDERED
			1-13-97

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REV. 7-80

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT
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ATTY. DOCKET NO.		SERIAL NO.
TESSERA 3.3-018		08/030,194
APPLICANT		
Khandros et al.		

FILING DATE	GROUP
April 28, 1993	2104

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SN	AA 4 9 5 4 8 7 8	03/04/90	Fox et al.			
	AB					
	AC					
	AD					RECEIVED
	AE					AUG 30 1993
	AF					GROUP 2100
	AG					
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